

WORK ORDER 2008-14

Date opened: 5 June 2008

Project: Quick Release Cargo Basket Assembly
Type: Eurocopter AS350/355 SeriesBatch Quantity: 5 Complete Basket Assembly (78410-01)
3 with Lid Step (70405)Approval: SH08-18
Drawing List: DCL784-3

| Fabrication and Assembly Drawing(s) | Description |
|-------------------------------------|-----------------------|
| 78410, Rev. 0 | Basket Ass'y |
| 78411, Rev. 0 | Basket Body Ass'y |
| 78412, Rev. 0 | Basket Lid Ass'y |
| 36255, Rev. 1 | Handle Installation |
| 36261, Rev. 4 | Handle Bar Ass'y |
| 36262, Rev. 1 | Handle Bracket Ass'y |
| 70405, Rev. 1 | Lid Step Modification |

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

| | |
|---|------------|
| Project is on Approval Limitation Record: | <u>Y</u> ✓ |
| Document Control List revision level matches (or exceeds) STC: | <u>Y</u> ✓ |
| Drawings revision levels match Document Control List: | <u>Y</u> ✓ |
| Purchase order or Work order source is recorded for each part/ass'y: | <u>Y</u> ✓ |
| Tests and inspections specifically called out on drawings are complete: | <u>Y</u> ✓ |
| Release tags associated with all fabricated parts are attached: | <u>Y</u> ✓ |
| All mounting hardware and supplies are included: | <u>Y</u> ✓ |

List all non-conformities raised: _____


Inspector Signature:
Date:

Drawing: 78410 Revision 0
 Assembly: 78410-01 Cargo Basket Ass'y (Quick-Release, Long, 93.25" long)

| Qty Per | Part # | Description | Material | P.O./W.O. | Checked |
|---------|-------------|-------------------------|-------------------------------|-----------|---------|
| 5 Total | 78410-01 | Cargo Basket Assembly | | | |
| 1 | 78411-01 | Basket Body Assembly | Below | | |
| 1 | 78412-01 | Basket Lid Assembly | Below | | |
| 1 | 36255-01 | Handle Bar Installation | Below | | |
| 1 | 36280-01 | Brace Assembly | 9-2081 Brace | 7005 | |
| 1 | MS20001P4 | Piano Hinge | | 8024 | |
| 1 | 78427-01 | Placard | 0.063 Sheet, 6061-T6 Aluminum | 960708 | |
| 4 | 49205-14 | Bumper | Argus Industries Bumper | 8071 | |
| A/R | CR3213-4-02 | Cherry Rivet | | 8020 | |
| 4 | 40088-14 | Fitting | Ancra | 8032 | |
| 4 | AN960-616 | Washer | | 6016 | |
| 1 | AN3-15A | Bolt | | 6016 | |
| 1 | AN3-17A | Bolt | | 6066 | |
| 4 | AN960-10 | Washer | | 6043 | |
| 2 | AN970-3 | Washer | | 5026 | |
| 2 | MS21044N3 | Nut | | 6016 | |

| Processes | Per | Mat'ls Used | Inspection | Signature |
|------------------|---------------|--------------------|------------|-----------|
| Riveting | AC43.13-1B | CR3213-4-02 Rivets | | gc. |
| Final Inspection | Drawing 78410 | | | gc. |

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 78411 Revision 0
 Assembly: 78411-01 Basket Body Ass'y (Quick-Release, Long, 93.25" long)

| Qty Per | Part # | Description | Material | P.O./W.O. | Checked |
|---------|----------|-------------------------|------------------------------------|-----------|---------|
| 5 Total | 78411-01 | Basket Body Assembly | | | |
| A/R | | Tube | 4130 Steel, 3/4" x 0.035 Sqr. Tube | 8007 | |
| A/R | | Tube | 4130 Steel, 1/2" x 0.035 Sqr. Tube | 8007 | |
| 4 | 76421-01 | Hoop | 4130 Steel, 1/2" x 0.035 Sqr. Tube | 8007 | |
| 2 | 76423-01 | Attachment Hoop | 4130 Steel, 1/2" x 0.035 Sqr. Tube | 8007 | |
| 1 | 36262-01 | Handle Bracket Assembly | Below | | |
| 1 | 49215-01 | Spacer | 1018 Steel, 1/2" Rod | 951108 | |
| A/R | 3/4-16F | Mesh | Expanded carbon steel | 7029 | |

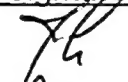


| Processes | Per | Mat'l's Used | Inspection | Signature |
|------------------|---------------|---------------------|------------|-----------|
| Welding | AMS 2685C | Welding Rod ER70S-2 | | |
| Powder Coat | Drawing 78411 | | | |
| Final Inspection | Drawing 78411 | | | |

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Drawing: 78412 Revision 0
Assembly: 78412-01 Basket Lid Ass'y (Quick-Release, Long, 93.25" long)

| Qty Per | Part # | Description | Material | P.O./W.O. | Checked |
|---------|----------|-------------------------------|------------------------------------|-----------|---------|
| 5 Total | 78412-01 | Basket Lid Assembly | | | |
| A/R | | Tube | 4130 Steel, 3/4" x 0.035 Sqr. Tube | 8007 | |
| 1 | 49216-01 | Spacer | 1018 Steel, 1/2" Rod | 951108 | |
| 1 | 36262-01 | Upper Handle Bracket Assembly | Below | | |
| 1 | 36204-10 | Placard Bracket | 1018 Steel, 0.035" Sheet | 9516042 | |
| A/R | 3/4-16F | Mesh | Expanded carbon steel | 7029 | |

| Processes | Per | Mat'l's Used | Inspection | Signature |
|------------------|---------------|---------------------|------------|---|
| Welding | AMS 2685C | Welding Rod ER70S-2 | |  |
| Powder Coat | Drawing 78412 | | |  |
| Final Inspection | Drawing 78412 | | |  |

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Drawing: 36255 Revision 1
Assembly: 36255-01 Handle Installation

| Qty Per | Part # | Description | Material | P.O.W.O. | Checked |
|---------|-----------|--------------------------|-------------------------------------|----------|---------|
| 5 Total | 36255-01 | Handle Installation | | | |
| 1 | 36261-01 | Handle Bar Assembly | Below | | |
| 2 | 36278-01 | Spring (1 left, 1 right) | 304 Stainless, 1/16" Dia Music Wire | 7004 | |
| 2 | 36275-01 | Bushing | SAE 660 Bronze, 5/16" Dia | 6068 | |
| 2 | AN3-14A | Bolt | | 6071 | |
| 4 | AN960-10 | Washer | | 6043 | |
| 2 | MS21044N3 | Nut | | 6016 | |

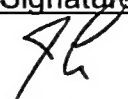

| Processes | Per | Mat'l's Used | Inspection | Signature |
|------------------|---------------|--------------|------------|-----------|
| Final Inspection | Drawing 36255 | | | jc. |

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Drawing: 36261 Revision 4
Assembly: 36261-01 Handle Bar Assembly

| Qty Per | Part # | Description | Material | P.O./W.O. | Checked |
|---------|-------------|---------------------|--|-----------|---------|
| 5 Total | 36261-01 | Handle Bar Assembly | | | |
| 1 | 36277-01 | Handle Bar | 316 Stainless, 1.0 x 0.035 Rnd. Tube | 8066 | |
| 2 | 36271-01 | Lever | 304 Stainless, 0.105 Sheet | 7006 | |
| 2 | 36274-01 | Bushing | 304 Stainless, 7/16" x 0.065 Rnd. Tube | 2005 | |
| 2 | MS20615-4M3 | Rivet | | 7039 | |


| Processes | Per | Mat'ls Used | Inspection | Signature |
|------------------|---------------|--------------------|------------|---|
| Welding | AMS 2685C | Welding Rod ER308L | |  |
| Final Inspection | Drawing 36261 | | |  |

Tag incomplete parts with Work Order # when stored between processes.

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Drawing: 36262 Revision 1
Assembly: 36262-01 Handle Bracket Assembly

| Qty Per | Part # | Description | Material | P.O./W.O. | Checked |
|---------|----------|-------------------------|----------------------------|-----------|---------|
| 5 Total | 36261-01 | Handle Bracket Assembly | | | |
| 1 | 36272-01 | Basket Bracket | 321 Stainless, 0.050 Sheet | 3021 | |
| 2 | 36273-01 | Lid Bracket | 321 Stainless, 0.050 Sheet | 3021 | |
| 2 | 36275-02 | Support | 304 Stainless, 5/16" Rod | 6003 | |

| Processes | Per | Mat'ls Used | Inspection | Signature |
|------------------|---------------|--------------------|------------|---|
| Welding | AMS 2685C | Welding Rod ER308L | |  |
| Final Inspection | Drawing 36262 | | | |

Tag incomplete parts with Work Order # when stored between processes.

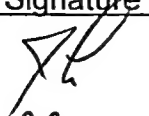

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 70405 Revision 1
Assembly: 70405-01 Lid Step Modification

| Qty Per | Part # | Description | Material | P.O./W.O. | Checked |
|---------|------------|-----------------------|------------------------------------|-----------|---------|
| 3 Total | 70405-01 | Lid Step Modification | | | |
| 1 | 70405-03 | Tube | 4130 Steel, 3/4" x 0.035 Sqr. Tube | 8007 | |
| 1 | 70405-04 | Tread Plate | 3003 Aluminum Tread Plate, 0.063" | 8031 | |
| 18 | CR3213-4-2 | Cherry Rivet | | 8034 | |

Note: Step is installed on all bays of lid.

Note: Remainder of assembly listed on drawing 78412

| Processes | Per | Mat'l's Used | Inspection | Signature |
|------------------|---------------|---------------------|------------|---|
| Welding | AMS 2685C | Welding Rod ER70S-2 | |  |
| Final Inspection | Drawing 70405 | | |  |

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AIRSPAN

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket (Long) Part #: 78410-01

Approval #: SH08-16 Serial #: 78401-08

WO #: 2008-14 Quantity: 1

Eligibility: Eurocopter AS350 / AS355 Series Work Status: Manufactured

Remarks: Modified with Lid Step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Dec 23/08
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket (Long) Part #: 78410-01

Approval #: SH08-16 Serial #: 78401-07

WO #: 2008-14 Quantity: 1

Eligibility: Eurocopter AS350 / AS355 Series Work Status: Manufactured

Remarks: Modified with Lid Step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Nov 18/08
Date

J. H. Calkin
Inspector's Signature

Arrow

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket (Long) Part #: 78410-01

Approval #: SH08-16 Serial #: 78401-05

WO #: 2008-14 Quantity: 1

Eligibility: Eurocopter AS350 / AS355 Series Work Status: Manufactured

Remarks: Modified with Lid Step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Oct 14/08
Date

[Signature]
Inspector's Signature

VORTEX
HELICOPTERS

AERO 5002
(RUSSIA)

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket (Long) Part #: 78410-01

Approval #: SH08-16 Serial #: 78401-04

WO #: 2008-14 Quantity: 1

Eligibility: Eurocopter AS350 / AS355 Series Work Status: Manufactured

Remarks: Modified with Lid Step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Aug 7/05
Date

Jeff Clarke
Inspector's Signature

EXPEDITION

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 78410-01

Approval #: SH00-48 Serial #: 78401-02

WO #: 2008-14 Quantity: 1

Eligibility: Eurocopter AS350/355 Series Work Status: Manufactured

Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 22/09
Date

Jeff Clark
Inspector's Signature